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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER GR61-043
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/554039</b>
INTERNATIONAL APPLICATION NO. PCT/US04/12849	INTERNATIONAL FILING DATE 26 April, 2004	PRIORITY DATE CLAIMED 25 April, 2003
TITLE OF INVENTION Mass Spectrometry Instruments and Methods		
APPLICANT(S) FOR DO/EO/US Dennis Barket, Jr. and James Mitchell Wells		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <b>submitted with Amended PCT Request (copy enclosed)</b></li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> </ol>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; text-align: center;">10/554039</div>	INTERNATIONAL APPLICATION NO. PCT/US04/12849	ATTORNEY'S DOCKET NUMBER GR61-043
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20. Other items or information:  
 Postcard; check for \$1,375.00; 6 pages formal drawings; copies of: PCT Request, Amended PCT Request, International Search Report; PCT application as published; Written Opinion of International Searching Authority; Notification Concerning Transmittal of Copy of International Application as Republished.

The following fees have been submitted	CALCULATIONS	PTO USE ONLY																				
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300	\$ 300.00																					
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))																						
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0	\$ 200.00																					
All other situations..... \$200																						
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))																						
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0																						
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100	\$ 100.00																					
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400																						
All other situations..... \$500																						
<b>TOTAL OF 21, 22 and 23 =</b>	600.00																					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Total Sheets</th> <th style="width: 15%;">Extra Sheets</th> <th style="width: 30%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width: 40%;">RATE</th> </tr> </thead> <tbody> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>x \$250</td> </tr> </tbody> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	- 100 =	/50 =		x \$250	\$ 0													
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- 100 =	/50 =		x \$250																			
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).	\$ 0																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">CLAIMS</th> <th style="width: 15%;">NUMBER FILED</th> <th style="width: 15%;">NUMBER EXTRA</th> <th style="width: 15%;">RATE</th> <th style="width: 40%;">\$</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>51 - 20 =</td> <td>31</td> <td>x \$ 50</td> <td>\$ 1550.00</td> </tr> <tr> <td>Independent claims</td> <td>6 - 3 =</td> <td>3</td> <td>x \$200</td> <td>\$ 600.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360</td> <td>\$ 0</td> </tr> </tbody> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total claims	51 - 20 =	31	x \$ 50	\$ 1550.00	Independent claims	6 - 3 =	3	x \$200	\$ 600.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$ 0		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																		
Total claims	51 - 20 =	31	x \$ 50	\$ 1550.00																		
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MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$ 0																		
<b>TOTAL OF ABOVE CALCULATIONS =</b>	\$ 2750.00																					
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.																						
<b>SUBTOTAL =</b>	\$ 1375.00																					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).	\$ 0																					
<b>TOTAL NATIONAL FEE =</b>	\$ 1375.00																					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property	\$																					
<b>TOTAL FEES ENCLOSED =</b>	\$ 1375.00																					
	Amount to be refunded:	\$																				
	Amount to be charged	\$																				

10/554039

JC20 Rec'd PCT/PTO 20 OCT 2009

Approved for use through 3/31/2007. OMB 0651-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- a. ☒ A check in the amount of \$ \$1,375.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0925. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Wells St. John P.S.  
601 W. First Ave., Suite 1300  
Spokane, WA 99201

Tel: (509) 624-4276  
Fax: (509) 838-3424

  
SIGNATURE

Robert C. Hyta

NAME

46,791

REGISTRATION NUMBER

EV633265090

10/554039

JC20 Rec'd PCT/PTO 20 OCT 2004  
PATENT COOPERATION TREATY

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INTERNATIONAL APPLICATION SERIAL NO. .... PCT/US04/12849  
FILING DATE ..... 26 April 2004 (26.04.2004)  
APPLICANTS ..... PCBU Services, Inc.  
AGENT'S FILE REFERENCE ..... GR61-014  
TITLE: ..... Mass Spectrometry Instruments and Methods

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**LETTER REGARDING AMENDED REQUEST**

To: The International Bureau of WIPO      **By Federal Express**  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

From: HYTA, Robert C.  
Wells, St. John, P.S.  
601 W. First Ave., Suite 1300  
Spokane, WA 99204-3828  
(509) 624-4276; FAX: (509) 838-3424

**REMARKS**

Applicant submits herewith replacement sheets 3 and 4 and additional sheets 5, 6 and 7 of the originally filed Request.

Sheet 3 has been amended to fill the check-boxes indicating the inclusion of declarations under Box Nos. VIII (ii), VIII (iii), and VIII (iv).

Sheet 4 has been amended to update the number of sheets in the Request and to fill check-box 2. indicating the inclusion of original separate powers of attorney and check-box 4. indicating the inclusion of a copy of general power of attorney. Further, original powers of attorney executed by Dennis Barket Jr. and J. Mitchell Wells and a copy of general power of attorney executed by Dennis Barket Jr. are submitted.

Sheet 5, Box No. VIII (ii) Declaration: Entitlement to Apply for and be Granted a Patent, has been added.

Sheet 6, Box No. VIII (iii) Declaration: Entitlement to Claim Priority, has been added.

Sheet 7, Box No. VIII (iv) Declaration: Inventorship, has been added, executed by Dennis Barket Jr., and J. Mitchell Wells respectively.

EV633265090

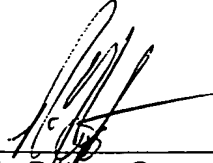
10/554039

JC20 Rec'd PET/PTO 20 OCT 2005

Please replace sheets 3 and 4 with the enclosed replacement sheets, add sheets 5, 6 and 7, and incorporate the enclosed powers of attorney into the Request.

Respectfully Submitted,

Date: 11/18/04

By:   
HYTA, Robert C.  
Reg. No.: 46,791